

Rolling Knolls Landfill Superfund SITE
FIELD CHANGE REQUEST (FCR) FORM

Contract No.:

REQUEST NO: 03

DATE: 12/17/2014

FCR TITLE: Soil Sample Collection Method

DESCRIPTION:

The Data Gaps Sampling and Analysis Plan (Data Gaps SAP) proposed collection of soil samples using a hand-driven Macrocore® barrel fitted with a dedicated acetate liner. Other sampling methods (e.g., hand auger, shovel) were also proposed to collect soil samples if conditions at a proposed sampling location do not allow for advancement of or adequate recovery with a hand-driven Macrocore®.

REASON FOR DEVIATION:

Current soil conditions in the field at several of the proposed locations are saturated. As a result, soil samples from these locations cannot be collected using the methods proposed in the Data Gaps SAP. The wet soil cores are difficult to pull using a Macrocore®, hand auger, or shovel, while still maintaining the integrity of the sample.

RECOMMENDED MODIFICATION:


When saturated soil locations are encountered, the field team will attempt to collect the soil core in a stepwise fashion. First, the team will attempt to collect the soil sample by advancing the Macrocore® barrel with an acetate liner three times. If a sample cannot be obtained using the Macrocore® barrel, the team will advance the acetate liner by hand three times. If a sample cannot be obtained using the acetate liner, the team will advance Lexan tubing by hand three times. The method of collection will be noted in the field log for each sample.

IMPACT ON PROJECT OBJECTIVES:

The procedures herein do not impact the project objectives as the method for collecting a soil sample will have no impact on the chemical analysis of the soil sample. Lexan tubing collection methods are included as a valid sampling method for sediments (SOP-14) and are also appropriate for saturated soils.

Dated Signatures:

 12/17/2014
(Field Team Leader)

 12/17/2014
(Project Manager)

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